

## Vacancy for

## Software Engineer, cloud-based data warehouse

### Job description

You will contribute to **DeltaScan® - the world's first medical device to reliably detect acute brain failure** in hospital wards and Intensive Care Units. Acute brain failure (a.k.a. delirium) is a serious complication that deteriorates the recovery of millions of patients each year. We use advanced EEG (electroencephalography) signal processing to detect acute brain failure as soon as possible. Prolira's DeltaScan monitor is on the market and in clinical use at our customers.

One of our next challenges is to build a cloud-based data warehouse to collect EEG data from the DeltaScan device to support customer interactions, clinical data collection, and algorithm development. Also, further development of the embedded device software is a major part of our technical work.

### We are looking for

A self-motivated software developer to help build a state-of-the-art cloud-based data warehouse that interacts with the DeltaScan device and further device development. You are motivated to write high quality software. Experience in the field of medical devices, cloud-based databases, and mathematical algorithms is desirable.

### Required skills

- Programming: C/C++, Linux, test driven development, Git.
- Personal: works well with others, fluent in English, self-motivated, goal oriented.

### Desired skills

- Programming: SQL, PostgreSQL, Python, JavaScript, Matlab/Octave.
- Familiar with medical device development and quality requirements.
- DevOps: Gcloud (or AWS), Docker, Kubernetes.
- Mathematics: signal processing, machine learning.
- Personal: Creative and flexible.

### What we offer

- Stimulating start-up environment with room for personal innovation.
- Contribution to a challenging world class medical device development.
- Experience in the medical device industry and academics.
- Work in an international team.

- Competitive salary.

### About Prolira BV

Prolira is a medical device scale-up with a commercial product on the market. Our device has its roots in landmark clinical research led by neurologist-intensivist Prof. Dr. Arjen Slooter. Prolira was founded in 2015 as a spin-off of the University Medical Center Utrecht (The Netherlands), and we are backed by professional venture capital firms as well as business angels with experience of the field.

### Invitation to apply

If you are interested, please send your resume and motivation letter to Noel, [n.burton-krahn@prolira.com](mailto:n.burton-krahn@prolira.com), head of software @ Prolira.  
7-sept-2021.

